

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A brushless motor having a stator, a rotor and a circuit board for controlling rotation of said rotor, wherein the stator has iron cores and coils wound around the iron cores, the brushless motor further comprising:

switching elements mounted to said circuit board for turning on and off electric power to be supplied to the coils of said stator,

a heat-radiating member, having a plurality of openings for exposing the switching elements and the circuit board, fixed to said iron cores of said stator; and

a resilient member, affixed to an external end of the heat-radiating member by a plurality of fasteners, for elastically pressing the switching elements against the heat-radiating member in a plurality of directions substantially transverse to the rotational axis of the rotor.

2. (Original) The brushless motor according to claim 1, wherein two bearings are supported rotatably at two ends of a shaft of said rotor, and one of the bearings is supported by said heat-radiating member.

3. (Currently amended) The brushless motor according to claim 1, wherein said switching elements contact said heat-radiating member to radiate heat from the switching elements.

4. (Previously Presented) The brushless motor according to claim 1, wherein said iron cores are screwed to said heat-radiating member.
5. (Previously presented) The brushless motor according to claim 4, wherein each of said iron cores has a bump protruding from an outer surface thereof, and the bump has a hole for screwing said one of said iron cores to said heat-radiating member.
6. (Currently Amended) The brushless motor according to claim 1, wherein the resilient member ~~simultaneously~~ pushes said switching elements to the heat-radiating member to radiate heat from the switching elements.
7. (Previously Presented) The brushless motor according to claim 1, further comprising a cooling fan for cooling said switching elements and said coils, said cooling fan being fixed to a shaft of said rotor.
8. (New) The brushless motor according to claim 1, wherein the resilient member includes a clip having an M like cross sectional shape, and a central area of the clip is attached to the heat-radiating member by the fasteners.
9. (New) The brushless motor according to claim 8, wherein the fasteners include screws that enable the resilient member to increase pressure applied to the switching elements.

10. (New) The brushless motor according to claim 1, wherein the fasteners include screws that enable the resilient member to increase pressure applied to the switching elements.